P.W.G. 17 — 1st and final bill — Original/Duplicate/Triplicate

NO — **CONTRACT CERTIFICATE** — Reference paras 158 & 170

Division: Yelahanka — Sub division: Yelahanka New Town — Cash book yr No

Bills received No — YNK-DBR No. 58 Date 19.09.18 — Date

Scheduled Docket No — Sub-divisional — Date 14-9-2018

Name of work(as per sanctioned estimate) :- — Divisional — Head of account

Work code:003-18-000071

NAME OF WORK : **Providing and constructing of compound wall in canteen surrounding of Attur ward no 03**

Name of contractor and full address :-

Reference to agreement No :- 3 — **Technical Manager (west)** — **Estimated cost :9.30** — W.O.dated:03/18-19, dt:19/06/2018

Certified that the measurments were taken by me on 8/8/18 and recorded on pages 114922 to 114930 of measurment book No 1150 and the work is satisfactorily executed by the contractor.

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Signature of contractor — Assistant Engineer

Certified that the measurments were taken by me on 08/08/18 and recorded correct.The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಅಭಿವೃದ್ಧಿಕಾರ್ಯ,
ಬ.ಬ.ಪಾ.ಕ. ಬೆಂಗಳೂರು-106

Sub-divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%		
3) Balance---	1st & final	902740:00
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of	FSD	45137:00
	CGST	—
b) Cost of payments/stores or other materials supplied now made recovery of	SGST	—
Amount paid on this bill by cheque/cash	IT	18055:00
Total	LC	9027:00
	CBF	903:00
	L.R	6060:00
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book	T.D	79182:00
7) Net amount due to or from contractor.		
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)	Net	823558:00
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Dated signature of contractor

paid by me cheque No dated

Cash Rs

Date — Initials of officer making payment

Reciept Stamp

Audited & Admitted for Rs. 902740:00

823558:00 by Cheque

and Rs. 79182:00 by agreement

Asst. Engineer
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division

Date — Executive Engineer

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Hire charges of JCB Excavator	Days			1.00	6720.00	6720.00	1.00	6720.00
2	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 (P.5/1.2.1 PW.P & IWTD SR 2016-17)	Cum			133.21	169.56	22587.09	133.21	22587.09
3	Removing & refixing ston slabs of drains and pointing in C.M (1:3)	Sqm			11.52	82.08	945.56	11.52	945.56
4	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm			13.68	2100.00	28728.00	13.68	28728.00
5	KSRRB M300-53 : Construction of embankment with approved material Gravel/Murrum with all lifts and leads, trasnporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications including cost of gravell/murrum,watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305. (Page No. 147 & Item No. 19.60)	Cum			158.40	311.04	49268.74	158.40	49268.74

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
6	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-2017	cum			23.25	305.64	7106.13	23.25	7106.13
7	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications. Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2016-17)	Cum			5.96 6.33	5253.36	31310 33253.77	5.96 6.33	31310 33253.77

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
8	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (Page No. 23/ Item No. 5.6)	Cum			18.41 18.44	4521.96	83249 83384.94	18.41 18.44	83249 83384.94
9	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.22/I.5.9 PW, P & IWTD - SR 2016-2017)	Cum			10.39 10.49	5405.40	56162 56702.65	10.39 10.49	56162 56702.65
10	KSRB 15.1.5: Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.(Page No.113/Item No. 15.1)	Sqm			16.98 32.34	104.76	1738 3387.94	16.98 32.34	1738 3387.94

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
11	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of nominal mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplastersisre @ 31st conforming etc as per specification & direction of the engineer incharge of work (pwd sr 2016-17, p.no 13 S.No 4.11)	Cum			7.76 8.18	6491.88	50376 53103.58	7.76 8.18	50376 53103.58
12	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)	Sqm			66.30 71.88	1011.96	67092 72739.68	71.88	67092 72739.68
13	Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering	Sqm			103.50	224.64	23250.24	103.50	23250.24

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
14	Providing external walls with textureing approved brand paint,applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading & unloading, all lead and lift and other incidental charges includings caffolding and removing stains,complete as per specification. (P125/15.103)	Sqm			94.86	311.04	29505.25	94.86	29505.25
15	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.(pwd sr 2016-17,.no25 5.30)	Nos			47.00	338.04	15887.88	47.00	15887.88

Sl. No.	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
16	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No 101, I.No 14.6)	Sqm			62.90	984.96	61953.98	62.90	61953.98
17	Fabricating,providing and erecting in position of MS Hot dip galvanized sq.Hallow poles of 132X132 Heavy guage of lenth 3000mm with MS Hot dip galvanized grill work as per approved design and drawing of chief architect.Using 12X75mm galvanized flat for alround frame and 20mmX20mm galvanized forged design with suare for vertical at 150mm c/c as shown in the drawing etc as per specifications and directions of the engineer in charge of the work.(Approved data rate)	Sqm			18.60	12475.03	232035.56	18.60	232035.56

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
18	Supplying and fixing M.S. Rectangular Poles made but of 2 equal angles of 65 x 65 x 6 mm welded together and fixed inCC (1:2:4) with 2 Nos. 16 mm dia M. S. hold fast rods each of length 25 cms, including cost of all materials, cutting, bending scafolding etc as per specifications. (P.No 37.2, 255)	Rmtr			14.40	884.52	12737.09	14.40	12737.09
19	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and weldin (Page No 32, I.No 7.90)	Kgs			81.90	84.24	6899.26	81.90	6899.26
20	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications (Page No 121, Item No 15.80)				6.30	28.08	176.90	6.30	176.90

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
21	KSRB 15-20.1 : Providing and applying floor painting with ready mix paint in two coats (exluding priming coat) on new concrete / asbestos cement sheet / plastered surfaces brushing to give an even shade after preparing the surface after throughly cleaning oil, dirt, dust other foreign matter and sand papering including cost of materials, labour, complete as per specifications Page No 131, Iem No 15.83)	Sqm			33.04 51.30	54.00	1784 2770.20	33.04 51.30	1784 2770.20
22	Providingd cement concrete pipe NP2 FOR Culverts including pointing ends and fixing collars with cement mortor 1:2 including cost of materials labour curing complete as per specifications 900mm dia (254/34.7.7.2016-2017)	Rmtr			1.80	3924.72	7064.50	1.80	7064.50
23	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.3 item No.4.2 PRE SR2016-2017).	Rmtr			12.00	169.56	2034.72	12.00	2034.72

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
24	Providing and laying / fixing cement base, precast, pre polished cement concrete designer tiles 25 mm thick confirming to IS 1237 heavy duty tiles for flooring treds of steps and landing, laid on a bed of 12mm thick cement mortor 1:3 mis finished with flush pointing using white cement, including cost of materials, inclduing cutting grinding the edge to half/full round wherver required labour curing complete as per specification	Cum			9.39	1176.12	11043.77	9.39	11043.77
25	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/ sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader, dumping, turning for return trip,excluding time for haulage and return trip complete as per specifications (Item no17.1,Page no130,PWD SR 2016-17)	Cum			157.22 171.97	68.00	10690 11693.96	157.22 171.97	10690 11693.96
							813280		813280
				TOTAL			837612.95		837612.95
				KRIDL charges 11%			92137.42 89460		92137.42
				Grand TOTAL			929750.38 902740=00		929750.38

Assistant Engineer
Ward no 03

29/08/18
Assistant Executive Engineer
Yalahanka Satellite Town Sub Division
BBMP, Bangalore-64